

ABSTRACT OF THE DISCLOSURE

A papermaking felt comprises a woven ground fabric layer and a fibrous web accumulated on one side or on both sides of the ground fabric layer. The ground fabric and the fibrous web are intertwined and made integral by needling. To maintain the three dimensional structure of the felt against the pressure to which the papermaking felt is continually subjected in a high speed papermaking machine, and thereby retain the felt's water-squeezing function over a long period of time, all yarns of the warp or weft, or a part of the distributed yarns of the warp or weft which composes the ground fabric layer, are replaced by straight yarns S so that the warp or weft themselves maintain the felt's dimensional stability. Alternatively, straight yarns may be additionally and evenly inserted along the warp or weft of the ground fabric layer.